

**PHTHALAMIDE LANTHANIDE COMPLEXES FOR USE
AS LUMINESCENT MARKERS**

ABSTRACT OF THE DISCLOSURE

The present invention provides luminescent lanthanide metal chelates
5 comprising a metal ion of the lanthanide series and a complexing agent comprising at least
one phthalamidyl moiety. Also provided are probes incorporating the phthalamidyl ligands
of the invention and methods utilizing the ligands of the invention and probes comprising the
ligands of the invention.

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